

## STIC Search Report Biotech-Chem Library

### STIC Database Tracking Number: 121804

TO: Jennifer Graser

Location: REM/3b09/3c18

Art Unit: 1645

Wednesday, May 12, 2004

Case Serial Number: 10/625221

From: David Schreiber

**Location: Biotech-Chem Library** 

Remsen E01A61 Phone: 272-2526

david.schreiber@uspto.gov

Search Notes	
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# STIC SEARCH RESULTS FEEDBACK FORM

## Biotech-Chem Library

Questions about the scope or the results of the search? Contact the searcher or contact:

Mary Hale, Information Branch Supervisor Remsen Bldg. 01 D86 571-272-2507

<b>(</b> 0)	untary Results Feedback Form				
۶	I am an examiner in Workgroup: Example: 1610				
>	Relevant prior art <b>found</b> , search results used as follows:				
	☐ 102 rejection				
	☐ 103 rejection				
	Cited as being of interest.				
	Helped examiner better understand the invention.				
	Helped examiner better understand the state of the art in their technology.				
	Types of relevant prior art found:				
	Types of relevant prior art found: ☐ Foreign Patent(s)				
	Non-Patent Literature (journal articles, conference proceedings, new product announcements etc.)				
×	Relevant prior art not found:				
	Results verified the lack of relevant prior art (helped determine patentability).				
	Results were not useful in determining patentability or understanding the invention.				
Со	omments:				

Drop off or send completed forms to STIC-Biotech-Chem Library Remsen Bldg.



#### SEARCH REQUEST FORM

#### Scientific and Technical Information Center

Requester's run Name:		Examiner #: Date:				
	umber 30					
Mail Box and Bldg/Room Location:	Resu	lts Format Preferred (enele): PAPER_DISK_L-MAIL				
If more than one search is submit	tted, please prioritize	e searches in order of need. *****************************				
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or inclused; the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if the examples attach a copy of the cover sheet, pertinent claims, and abstract.						
Title of Invention:						
Inventors (please provide full names):						
Earliest Priority Filing Date:						
		ourent, child, divisional, or issued patent numbers) along with the				
appropriate serial number.	,					
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STAFF USE ONLY	Type of Search	Vendors and cost where applicable				
Scarcher: P. Schuelber	NA Sequence (#) 2	STN				
Searcher Phone #: 272-2526	AA Sequence (#)	Dialog				
Scarcher Location Rengen Fol 1461	Structure (#)	Questel/Orbit				
Date Searcher Pičked Up:	Bibliographic	Dr.Link				
rate Completed: 51/2	Litigation	Lexis/Nexis				
Searcher Prop & Review Time 12	Fulltext	Sequence Systems Co Cyprogram				
•	Patent Family	WWW/Internet				
Online True (5)	(Mt.	Other (specify)				
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US-08-304-732B-35
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US-08-304-732B-31
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US-08-304-732B-1
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Maximum Match 100%
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1 Sequence 25, Application US/08304732B

Sequence 25, Application US/08304732B

Sequence 25, Application US/08304732B

APPLICANT: BERGERON, Michel G.

APPLICANT: OUTLIETE, Marc

APPLICANT: ROY, Paul H.

TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY TITLE OF INVENTION: DATECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY TITLE OF INVENTION: LABORATORY

NUMBER OF SEQUENCES: 134

CORRESPENDENCE ADDRESS:

ADDRESSE: Quarles & Brady

STATE: Wisconsin Avenue

STATE: Wisconsin
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Pred. No. 0.005;
0; Mismatches 140; Indels
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US-08-304-732B-21
US-08-304-732B-15
US-08-304-732B-16
US-08-304-732B-37
US-08-304-732B-37
US-08-304-732B-37
US-08-304-732B-34
US-08-304-732B-36
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US-08-304-732B-28
US-08-304-732B-36
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APPLICATION NO.
APPLICATION NO.
ETLING DATE: 12-SEL
CLEASIFICATION: 435
ATTORNEY AGENT INFORMATION:
NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 850586.90012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 277-500
TELEPHONE: (414) 277-5501
TELEPHONE: (414) 277-5501
TELEPHONE: (414) 277-5501
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 1114 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: (qenomic)
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Best Local Similarity 46.8
Matches 123; Conservative
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SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY DETECT AND LOBNITY COMMON BACTERIA FROM URINARY OR ANY OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY LABORATORY
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,7328
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50.3%; Pred. No. 0.36;
ive 0; Mismatches
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12-SEP-1994
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411 East Wisconsin Avenue
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US-08-304-732B-31
Sequence 31, Application US/08304732B
GENERAL INFORMATION:
APPLICANT: BERGERON, Michel G.
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 277-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ..cruuGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
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INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
                                                                                                                          BERGERON, Michel
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NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,4
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Best Local Similarity 50.39
Matches 97; Conservative
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STRANDEDNESS: double
                                                                                                              APPLICANT: BERGERON, APPLICANT: BERGERON, APPLICANT: ROY, BALL TITLE OF INVENTION: SE TITLE OF INVENTION: OF TITLE OF INVENTION: LANDER OF SEQUENCES:
                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles &
                                                                                                                                                                                                                                                                                                                                                                                           Wisconsin
                                                                                                                                                                                                                                                                                                                                                                      CITY: Milwaukee
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CLASSIFICATION:
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                                                                                       679 TAGAİGTİTİTİTATAAĞİAAİCİTİTİTAAAGAAAĞGİAAAGTİTİACTATTACİĞİTT 620
                                                                                                                               777 TAACCTTTTTAAATCTAGAGGAGAACCCAGATATAAAATGGAGGAATATTAATGGAAAAC 836
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1.8%; Score 34; DB 1; Length 1114;
Best Local Similarity 59.2%; Pred. No. 0.05;
Matches 58; Conservative 0; Mismatches 40; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 32202-4497
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 12-SEP-1994
CLASSIFICATION: 435
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REPERBENCE/DOCKET NUMBER: 850586.90012
TELECOMUNICATION INFORMATION:
TELEPHONE: (414) 277-5000
                                                                                                                                                                                                                                                                                                                                                                           Sequence 25, Application US/08304732B
GENERAL INFORMATION
APPLICANT: BERGERON, Michel G.
APPLICANT: OUBLIETTE, Marc
APPLICANT: ROY, Paul H.
TITLE OF INVENTION: SPECIFIC AND UNI
TITLE OF INVENTION: DETECT AND IDENT
TITLE OF INVENTION: DATECT AND IDENT
TITLE OF INVENTION: LABORATORY
NUMBER OF SEQUENCES: 134
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                                                                                                                                                                                                                                                                   559 TCAAATTATTGTATGGAGAAAT 537
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411 East Wisconsin Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
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NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (414) 277-5591
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 1114 base pairs
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STRANDEDNESS: double
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CITY: Milwaukee
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SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
MORGINAL SOURCE:
ORGANISM: Lactococcus lactis
US-08-304-732B-35
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STATE: Wisconsin
COUNTY: USA
ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              nucleic acid
EDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 6
US-08-304-732B-24
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APPLICANT: OUBLETTE, MATC
APPLICANT: ROY, PAUL H.

TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
TITLE OF INVENTION: LABORATORY
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles ' 7
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: BERGERON, Michel G.
APPLICANT: BOX, Paul H.
TITLE OF INVENTION: DETECT AND UNIVERSAL PROBES TO RAPIDLY
TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR A
TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR A
TITLE OF INVENTION: DABORATORY
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSE: ADDRESSE:
ADDRESSE:
ADDRESSE: ALL BEACT WISCORSIN Avenue
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49.7%; Pred. No. 0.46;
tive 0; Mismatches 76; Indels 0
                                                                                                                                                                                                                                                                                                                                                        STATE: ".-...
COUNTRY: USA
ZID: 53202-4497
ZID: 53202-4497
COMPUTER READABLE FORM:
MUSIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA: 12-SED-1994
CLASSIFTCATION NUMBER: US/08/304,732B
FILING DATE: 12-SED-1994
CLASSIFTCATION: A35
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, Jean C.
NAME: BAKER, Jean C.
TELEPROMUNICATION NUMBER: 850586,90012
TELEPROMUNICATION NUMBER: 850586,90012
TELEPROMUNICATION NUMBER: 15,433
TELEPROMUNICATION NUMBER: 15,500
TELEPROMUNICATION NUMBER: 17-5501
INPORMATION POR SEQ ID NO: 31:
SEQUENCE CHARACTERSICS:
'INFORMATION POR SEQ ID NO: 31:
SEQUENCE CHARACTERSICS:
'INFORMATION POR SEQ ID NO: 31:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 459 ACGCAAGAGTTTTATGAGAAAAGAGATC 489
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411 East Wisconsin Avenue
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Best Local Similarity
Matches 75; Conserv
                                                                                                                                                                                                                                                                                                                                 CITY: Milwaukee
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-304-732B-31
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Sequence 14, Application US/08304732B
Sequence 18, Application US/08304732B
GENERAL INFORMATION:
APPLICANT: BERGERON, Michel G.
APPLICANT: OUBLIETTE, Marc
APPLICANT: ROY, Paul H.
TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR A
TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
INTER OF INVENTION: LABORATORY
NUMBER OF SEQUENCES: 134
ADDRESSEE: Quarles & Brady
STREET: 411 East Wisconsin Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             757 ----GTAATATTGGTGAATTGTAATAACCTTTTTAAATCTAGAGGAGACCCAGATATAA 812
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    697 AATGTTTTTAAAAATATACAATTTTATTCTATTTATAGTTAGCTATTTTTTCATTGTTA
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COUNTRY: USA
ZIP: 53202-4497
COMPUTER EADABLE FORM:
MEDITUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-D05/MS-D05
SOFTWARE: PatentIn Release #1.0, Version #1.30
SURFWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,732B
FILING DATE: 12-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, Jean C.
REGISTRATION NUMBER: 85.433
REFERENCE/POCKET NUMBER: 85.08012
TELECOMMUNICATION NUMBER: 85.09012
TELECOMMUNICATION INFORMATION:
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1.5%; Score 28.6; Dl
Best Local Similarity 50.8%; Pred. No. 0.68
Matches 91; Conservative 0; Mismatches
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REFERENCE/DOCKET NUMBER:
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                                                                                                                                                           LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           70 TIGACTCTTAACAATCTTGTCTAAATTTTGTTTAATTCTTTGATTCGTACTAGAATTTTA 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     515 AAATATCTTTCCGTTTTTACGCACTATCGCTACTGTGTCACCTAAAATATACCCCTTATC 574
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GENERAL INFORMATION:
APPLICANT: BERGERON, Michel G.
APPLICANT: OUELLETTE, Marc
APPLICANT: ROY, PAUL H.
TITLE OF INVENTION: DETECT AND UNIVERSAL PROBES TO RAPIDLY
TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM
TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE M
TITLE OF INVENTION: LABORATORY
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 1.5%; Score 27.5; DB 1; Length 258; Best Local Similarity 48.0%; Pred. No. 0.92; Matches 106; Conservative 0; Mismatches 110; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               690 ATAAGTTAATGTTTTTAAAAATATACAATTTTAATTCTATT 730
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ZIP: $3202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,732B
FILING DATE: 12-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,433
APPLICATION NUMBER: US/08/304,732B
FILING DATE: 12-SEE-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,433
REFERENT/ON NUMBER: 35,433
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 277-5000
TELEPHONE: (414) 277-5591
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
ONIGINAL SOURCE:
ORIGINAL SOURCE:
US-08-304-732B-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Quarles & Brady
STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
                                                                                                                                                                                                                                                                                                              LENGTH: 258 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Wisconsin
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RESULT 8

US-08-304-732B-1

US-08-304-732B-1

SERREAL INFORMATION:

APPLICANT: BERGEROM, Michel G.

APPLICANT: OUBLIETTE, Marc

APPLICANT: OUBLIETTE, Marc

TITLE OF INVENTION: BERCIFIC AND UNIVERSAL PROBES TO RAPIDLY

TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM UTINARY OR ANY

TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY

TITLE OF INVENTION: LABORATORY

NUMBER OF SEQUENCES. 134

CORRESPONDENCE ADDRESS:

ADDRESSEE: Quarles & Brady
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6041 Argriringiniecariaarceinnineciaarcenaaacagaraacgaacerrinin 6100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          668 ATTTTATAATAAAATTATTAATATAAGTTAATGTTTTTTAAAAATATACAATTTTAATTCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 1.5%; Score 27; DB 1; Length 9100; Best Local Similarity 51.2%; Pred. No. 1.4; Matches 63; Conservative 0; Mismatches 60; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: USA
ZIP: 53202-4497
ZIP: 53202-4497
ZOMPUTER REABABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,732B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 12-52P-1994
CLASSIFTATION: 435
ATTORNEY AGENT INFORMATION:
NAME: BAKER, Jean C.
RECISTRATION WINBER: 35-433
REFERENCE, DOCKET NUMBER: 850586.90012
TELECOMMUNICATION INFORMATION:
850586.90012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           411 East Wisconsin Avenue
                                                                                                                                                                                                                                                                                                                               ORGANISM: Haemophilus influenzae
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1817 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
              TELECOMMUNICATION INFORMATION
TELEPHONE: (414) 277-5000
TELEPHONE: (414) 277-5501
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
                                                                                                                                                           9100 base pairs
                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Milwaukee
STATE: Wisconsin
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align12\_304732

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8019 ACACTTGAATCTCCCCCCCCCCTAATTTTCGCAACAATTTTGAGATTTCATTGAGTGTAG 7960
DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY LABORATORY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           8079 Aaraaracgerraregeeerrrirrireeagigerrrarararaaceregigeedee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       H.
SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
NETFORM AND IDENTIFY COMMON BACTERIA FROM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 9100;
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1.4%; Score 25.4; Di
Best Local Similarity 49.6%; Pred. No. 2.8;
Matches 65; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,433
RERERENGE/DOCKET NUMBER: 85,630.12
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 277-500
TELEPAX: (414) 277-5591
INFORMATION FOR SEQ ID NO: 27: SEQUENCE CHARACTERISTICS:
LENGTH: 9100 base pairs
TYPE: nucleic acid
STRANDEDNESS; double
                                                                                                                                                                                                                                                  RESULT 10
US-08-304-732B-27/C
Sequence 27, Application US/08304732B
Sequence 27, Application US/08304732B
Sequence 27, Application US/08304732B
APPLICANT: BERGERON, Michel G.
APPLICANT: ROY, Paul H.
TITLE OF INVENTION: SPECIFIC AND IDENT
TITLE OF INVENTION: OTHER BROLOGICAL
TITLE OF INVENTION: LABORATORY
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1: Quarles & Brady
411 East Wisconsin Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) ORGANISM: Haemophilus influenzae US-08-304-732B-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                    1424 TGGATATATAAAGTTCATA 1442
                                                                                                                                                               133 TGCCCAGAGGGAGATAACA 151
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Milwaukee
STATE: Wisconsin
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: I
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US-08-304-732B-26
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GENERAL INFORMATION:
APPLICANT: BERGEROM, Michel G.
APPLICANT: OUBLIETTE, Marc
APPLICANT: OUBLIETTE, Marc
APPLICANT: OUBLIETTE, Marc
APPLICANT: OUBLIETTE, Marc
APPLICANT: OUBLIETTE, Marc
APPLICANT: OUBLIETTE, Marc
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APPLICANT: OUBLIETE, Marc
APPLICANT: OUBLIETE, Marc
APPLICANT: OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
AUWHER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS: 134
CORRESPONDENCE ADDRESS: 134
CORRESPONDENCE ADDRESS: 134
ADDRESSES: Ouarle & Elicidy
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                                                                                                                                                                                                                                                                                           1306 CATTTGATATTGAAACAAATAAAAAATGGTAACTGCTCAAGAATTAGACTATAAAGTTA 1365
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Pred. No. 2.7;
0; Mismatches 71; Indels 0
                                                                                                                                                               Length 1817;
                                                                                                                                                               Query Match 1.4%; Score 26.4; DB 1; Length 1 Best Local Similarity 51.7%; Pred. No. 1.7; Matches 60; Conservative 0; Mismatches 56; Indels
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MEDIUM TYPE: Floppy disk
CCMPTURE: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: ABC COMPACIBLE
SOUTHWER: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,732B
FILING DATE: 12-28P-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAMM: BAKER, Jean C
REGISTRATION NUMBER: 850586.90012
REGISTRATION NUMBER: 850586.90012
TELEPHONE: (414) 277-5591
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 1348 base pairs
WITHER THE ADDITION OF THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPATION TO THE COMPAT
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: 411 East Wisconsin Avenue
Milwaukee
                                                              Enterococcus faecalis
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MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Enterococcus fae
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l Similarity 48.9%;
68; Conservative (
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STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
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COUNTRY: USA
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Best Local Similarity
Matches 68; Conserv
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US-08-304-732B-1
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align12\_304732

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CITY: Milwaukee
STATE: Wisconsin
COUNTRY: USA
ZIP: 53202-4497
COMPUTER REDABLE FORM:
MEDIUM IYPE: Floppy di
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STRANDEDNESS: double
TOPOLOGY: linear
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APPLICANT: CUELLETTE, Marc
APPLICANT: OUTLETTE, Marc
APPLICANT: OUTLETTE, Marc
APPLICANT: OUTLETTE, Marc
TITLE OF INVENTION: DETECT AND UNIVERSAL PROBES TO RAPIDLY
TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
TITLE OF INVENTION: CHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
TITLE OF INVENTION: LABORATORY
WUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1310 TTACTTAAAAGGCAAAAAAGTTCACTTTAAAGAAGTAAAAACAATAGGTGACAAACGTAC 1369
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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1.3%; Score 24.8; DB 1; Length 1598;
Best Local Similarity 54.3%; Pred. No. 3.6;
Matches 50; Conservative 0; Mismatches 42; Indels 0
                                                                                                                                                                                                                                                                                                                                                                     STATE: WISCOLLAND COMPURY: USA
ZIP: 52302-4497
ZIP: 52302-4497
ZIP: 52302-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: Parentin Release #1.0, Version #1.30
SOCTWARE: Parentin Release #1.0, Version #1.30
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,732B
FILING DATE: 12-SEP-1994
CLASSIFICATION NUMBER: 35,433
REPERENCE/DOCKET NUMBER: 35,433
REPERENCE/DOCKET NUMBER: 850586.90012
REJEPHONE: (414) 277-5591
INPORMATION POR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE ARCHIVED
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| East Wisconsin Avenue
                                                                                                                                                                                                                                                                                   ADDRESSEE: Quarles & Brady
STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Haemophilus influenzae
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     Application US/08304732B
Sequence 26, Application US/08304732.
GENERAL INFORMATION:
APPLICANT: BERGERON, Michel G.
APPLICANT: OUELETTE, Marc
APPLICANT: ROY, Paul H.
TITLE OF INVENTION: DETECT AND ITILE OF INVENTION: OTHER BIOLOG ITILE OF INVENTION: OTHER BIOLOG INVENTION: LABORATORY ITILE OF INVENTION: LABORATORY INVENTE OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: double
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Milwaukee
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COMPUTER REALIZATION.

WEIGHT TIPE: RIDERY disk.

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WEIGHT TIPE: RIDERY disk.

COMPUTER: REALIZATION WINGER: 19/08/104/723B

PILING DATE: 12-58P-1384

ANTIGHEN TOWN TOWNER: 19/08/104/723B

PILING DATE: 12-58P-1384

ANTIGHEN TOWNER: 19/08/104/723B

PILING DATE: 12-58P-1384

ANTIGHEN TOWNER: 19/08/1081

REFERENCE/CONTENT WINGER: 19/08/1081

REFERENCE/CONTENT WINGER: 19/08/1081

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TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
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STRANDEDNESS: double
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COUNTRY: USA
ZIP: 53202-4497
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Sequence 1, Application US/08304732B

GENERAL INFORMATION:
APPLICANT: BERGERON, Michel G.
APPLICANT: ROY, Paul H.
TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR !
TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
TITLE OF INVENTION: LABORATORY
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                              Query Match
1.3%; Score 23.2; DB 1; Length 2275;
Best Local Similarity 46.8%; Pred. No. 7.3;
Matches 73; Conservative 0; Mismatches 83; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA

ZIP: 53202-4497

COMPUTER READBLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OFRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,732B

FILING DATE: 12-SEP-1994

CLASSIFICATION: 435
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NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 850586.90012
TELECOMMUNICATION INFORMATION:
TELEFAK: (414) 277-5591
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1817 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                      850586.90012
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411 East Wisconsin Avenue
                                                                                                                                                                                                                                                                                                                              Enterococcus faecalis
          REGISTRATION NUMBER: 35,433
REPREBUCE/DOCKET NUMBER: 8505
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 277-5000
TELEFAX: (414) 277-5591
INFORMATION FOR SEQ ID NO: 2:
SEQUIBNIE CHARACTERISTICS:
LENGTH: 2275 base pairs
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MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Enterococcus fae
US-08-304-732B-2
                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: double
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CITY: Milwaukee
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US-08-304-732B-26/c

| Sequence 26, Application US/08304732B
| Sequence 26, Application US/08304732B
| Sequence 26, Application: Secuence 26, Application: General Information: General Information: DEFECT AND UNIVERSAL PROBES TO RAPIDLY ITLE OF INVENTION: DEFECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY TITLE OF INVENTION: CITERER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY ITLE OF INVENTION: LABORATORY
| TITLE OF INVENTION: LABORATORY | CORRESPONDENCE ADDRESS: 134 | CORRESPONDENCE ADDRESS: 134 | CORRESPONDENCE ADDRESS: ADDRESSE: Quarles & Brady | ADDRESSE: Quarles & Brady | CORRESPONDENCE ADDRESSE: Quarles & Brady | CORP. | CORRESPONDENCE ADDRESSE: Quarles & Brady | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | CORP. | C
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                                                                                                                                                      Length 1817;
                                                                                                                                                                                                                                                                        94; Indels
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MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,732B
FILING DATE: 12-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 850286.90012
REGISTRATION NUMBER: 850386.90012
REFERENCE/DOCKET NUMBER: 850386.90012
TELEPRATIC NUMBER: 377-500
TELEPRATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 1598 base pairs
                                                                                                                                                      Query Match
1.2%; Score 22.6; DB
Best Local Similarity 45.7%; Pred. No. 9.5;
Matches 79; Conservative 0; Mismatches
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STREET: 411 East Wisconsin Avenue
CITY: Milwaukee
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) ORGANISM: Enterococcus faecalis US-08-304-7328-1
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Search completed: May 11, 2004, 16:57:10 Job time : 60 secs